## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION            | INITIALS | ID NO.   | DATE        |
|---------------------|----------|----------|-------------|
| FEE DETERMINATION   |          |          |             |
| O.I.P.E. CLASSIFIER |          | 6 2 5 10 | 4-14-01     |
| FORMALITY REVIEW    |          |          | 11. 11. 11. |

## INDEX OF CLAIMS

| V | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
|   | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
|   | Restricted                 | 0   | Objected     |

| 9  |  |          |              |                  |          |             |          |          |          |  | _  |                 |          |          |          |          |          |          |            |          |          |          | ·        |          |          |          |            |         |          |          |          |          |                 |          |           |   |
|----|--|----------|--------------|------------------|----------|-------------|----------|----------|----------|--|--|-----------------|----------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|------------|---------|----------|----------|----------|----------|-----------------|----------|-----------|---|
|    | Cla                                    | in       | Y            |                  | Date     |             |          |          |          |  | Claim Date                                       |                 |          |          |          |          |          |          | Claim Date |          |          |          |          |          |          |          |            |         |          |          |          |          |                 |          |           |   |
|    | _                                      | <u> </u> | 14           |                  | 1        | すめ          |          |          |          |  |  |                 |          | Final    | Original | ۶,       |          |          | ·          |          |          |          |          |          |          | Final    | Original   |         |          |          |          |          |                 |          |           |   |
|    | Ē                                      | Ž        | 认            | ή.               | 7        | <i>D</i> .  |          | Г        | $\vdash$ | П  |  | $\top$          | ┥.       | Г        | 51       |          | Jag 5    |          |            |          |          |          |          |          |          |          | 110        |         |          |          |          |          | $\Box$          | $\Box$   |           |   |
|    | -                                      |          |              | 1                | Ħ        |             | _        | _        |          |  |  |                 | 7        |          | 52       |          |          |          |            |          |          |          |          |          |          |          | 112        |         |          |          |          |          | $\Box$          | $\Box$   | $\Box$    |   |
|    |  |          | ₩            | 1                | П        |             |          |          | Γ        | П  |  |                 | ٦        | П        | 53       |          |          |          |            |          |          |          |          |          |          |          | 113        |         |          |          |          |          |                 |          | $\perp$   |   |
|    |  |          | 朷            | J                | П        |             |          |          |          |  |  |                 | ]        |          | 54       |          |          |          |            |          | $\Box$   |          |          |          | J        |          | 114        | $\perp$ | П        |          |          | $\Box$   | $\Box$          |          | $\Box$    |   |
|    |  | 5        | 7            | I                | $\Box$   |             |          |          |          |  |  |                 |          | L        | 55       | L.       |          |          |            | 1        |          |          | $\perp$  |          |          |          | 115        | 丄       |          |          |          | $\dashv$ | _               | _        | _         |   |
|    |  | Q        | W            | $\mathbb{Z}_{L}$ | , ,      |             |          |          |          |  |  | $\perp$         | ┙        |          | 56       |          |          |          |            |          | _        | _        | 4        |          | _        | L        | 116        |         |          |          |          | $\dashv$ | _               | _        | _         |   |
|    | (V                                     | J        | <u> V</u>    | Ш                | Ц        | v           |          | L        | Ŀ        |  |  | 4               | 4        | L        | 57       |          | _        |          | _          |          | _        | _        | 4        | +        | 4        | ⊢        | 117        | -       | <u> </u> |          |          | $\dashv$ | _               | $\dashv$ | 4         | _ |
|    |  |          | 3            | 1.               | Ц        |             |          | L        | <u> </u> | _  | $oxed{oxed}$                                     |                 | 4        | <u></u>  | 58       | _        |          |          | _          |          | -        |          | 4        | _        | 4        | -        | 118        |         | ļ.,      |          | _        | $\dashv$ |                 | $\dashv$ | _         |   |
| #- | L,                                     | ۲        | 4            | 4                | Ц        |             |          | ļ        | <u> </u> |  |  |                 | 4        | _        | 59       | _        | _        |          |            |          | -        |          |          |          | 4        | _        | 119        |         | -        | Н        |          |          | $\dashv$        | $\dashv$ | -         |   |
| •  | Ц                                      | ٢        | 2            | 4                | Н        |             | <u> </u> | _        | <u> </u> | _  | L  | -               | 4        | -        | 60<br>61 |          |          | <u> </u> |            |          |          | -        | $\dashv$ | +        | 4        | <u> </u> | 110<br>111 |         | -        | -        |          |          | $\dashv$        | $\dashv$ | $\dashv$  |   |
| 2  | 4                                      | 1        | ¥            | 4                | V        | W/          |          | <u> </u> | <u> </u> | L  | _  | -               | 4        | -        | 62       | H        |          |          | _          |          |          |          | $\dashv$ | +        | ┥        | $\vdash$ | 112        | -       | -        | Н        | $\vdash$ | $\dashv$ | $\dashv$        | $\dashv$ | -         | _ |
|    | L                                      | ¥        | 針-           | +                | -1       | 1           |          | H        | -        | H  | -  |                 | ┨        | -        | 63       |          | -        |          |            |          | $\dashv$ |          | -        |          | 4        | $\vdash$ | 113        | +       | $\vdash$ | $\vdash$ |          | $\dashv$ | $\dashv$        | -        | $\dashv$  | _ |
|    | <b>├</b> `                             | 1        |              | +                | $\dashv$ | 1           | ┝        | -        | -        | H  | $\vdash$   | +               | ┥        | $\vdash$ | 64       | $\vdash$ | -        | $\vdash$ |            | $\dashv$ |          | $\dashv$ | $\dashv$ | +        | 1        | -        | 114        | +-      | $\vdash$ | Н        |          | -        | $\dashv$        | -        | -+        |   |
|    | H                                      | 15       |              | +                | -        | +           | -        | ⊢        | $\vdash$ | H  | ├  | +               | ┨        | $\vdash$ | 65       | ┢        |          | H        | -          | $\dashv$ |          | -        | -        | +        | Ⅎ        | $\vdash$ | 115        | ╁       | ┢        |          |          | $\dashv$ | $\dashv$        |          | $\dashv$  | _ |
|    |  | 16       |              | +                | ┥        | ╫           |          |          | ╁╌       | H  | ┢╌   | $\dashv$        | -        | $\vdash$ | 66       | -        | H        | Н        |            | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | 116        | +       | +-       | Н        | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ | -         |   |
|    | ┝                                      | 17       |              | +                | ᅥ        | +           | $\vdash$ | $\vdash$ | ╁        | $\vdash$   | <del> </del>                                     | $\vdash$        | - '      | $\vdash$ | 67       | $\vdash$ | $\vdash$ | Н        |            |          | ᅴ        |          | 7        | +        | 1        | <b></b>  | 117        | +       | H        |          |          | 一        | T               | 寸        | 寸         |   |
|    |  | 18       | _            | +                | ┪        | ۲,          | ┢        | ┢        | $\vdash$ |  | $\vdash$   | $\vdash$        | 1        |          | 68       | -        | $\vdash$ | Н        | _          | П        |          | $\dashv$ | 寸        |          | 1        |          | 118        | $\top$  | 1        | H        |          | $\neg$   | $\Box$          | 寸        | 寸         |   |
|    | . ,                                    | 19       |              | 十                | 7        | *           | ┢        |          | $\vdash$ | <del>                                     </del> | <del>                                     </del> | $\vdash$        | 7        | _        | 69       | 1        |          |          |            |          |          |          |          | _        | 7        |          | 119        | $\top$  |          | _        |          | $\neg$   |                 | $\neg$   | 7         | _ |
| -  | 100                                    | 20       | _            | +                | ┪        | <del></del> | ┢        |          | T        | $\vdash$   |  | $\top$          | _        |          | 70       | Ι-       |          |          |            |          |          |          | ヿ        |          | 7        | $\vdash$ | 120        |         |          |          |          | $\neg$   | $\neg$          | 寸        | ヿ         | _ |
|    | ــــــــــــــــــــــــــــــــــــــ | 2        |              | +                | $\dashv$ | -           |          | ⊢        | -        | ╌  | <del> </del>                                     | $\vdash$        | $\dashv$ | $\vdash$ | 71       | $\vdash$ | ┝        | -        |            | $\vdash$ | $\neg$   | $\dashv$ | +        | _        | 1        | -        | 121        | +-      | H        |          |          | $\dashv$ | $\dashv$        | $\dashv$ | 十         |   |
|    | _                                      | 2:       |              | $^{+}$           | $\dashv$ |             |          | Н        | _        | $\vdash$   |  | $\vdash$        | -        | $\vdash$ | 72       | $\vdash$ | _        | -        |            |          | $\dashv$ | $\dashv$ | 7        |          | ┪        |          | 122        |         | Т        | T        |          | $\neg$   | 一               | 寸        | 一         |   |
|    | H                                      | 2        |              | ,                | .        |             |          | Т        | T        | Ħ  | <u> </u>   |                 | ┪        | $\vdash$ | 73       | t        |          |          |            |          |          |          | T        |          | ┪        | F        | 123        | _       | Ħ        |          |          |          | コ               | ヿ        | ヿ         | _ |
|    | -                                      | 2        | _            | 1                |          |             |          | Г        |          |  | Т  | $\vdash$        | 7        |          | 74       | <u> </u> |          |          |            |          |          | $\neg$   | 寸        | _        |          |          | 124        | 1       |          |          |          | $\Box$   | П               | ᄀ        | $\exists$ | _ |
|    |  | 2        | 5            | 1.               |          |             |          | Г        | Т        | T  | Г  | Т               | ヿ゙       |          | 75       | Π        |          |          |            |          |          |          | $\neg$   | İ        | ٦        |          | 125        | $\top$  |          |          |          |          |                 |          |           |   |
|    |  | 26       |              | 1                | i        |             |          | Г        |          |  | Г  | $\Box$          | 7        |          | 76       |          |          |          |            |          |          |          |          |          | ٦        | Г        | 126        |         |          |          |          |          | П               |          |           |   |
|    |  | 2        | 7            | T                |          |             |          | Г        |          | Г  | Г  |                 | 7        |          | 77       |          |          |          |            |          |          |          |          |          |          |          | 127        |         |          |          |          |          |                 |          |           |   |
|    |  | 28       | 3            | T                |          |             |          |          |          |  |  |                 |          |          | 78       |          |          |          |            |          |          |          |          |          |          |          | 128        |         |          |          |          |          |                 | $\Box$   |           |   |
|    |  | 29       | _            | Ι                |          |             |          |          |          |  |  |                 | ]        |          | 79       |          |          |          |            | ,        |          |          |          |          |          |          | 129        |         |          |          |          | Ш        | ota             | _        | _         |   |
|    |  | 3        |              |                  |          |             |          |          |          |  |  |                 | ⅃        | <u>_</u> | 70       | L        | L.       |          |            |          |          |          | _        | $\perp$  | _        | L        | 130        |         | <u> </u> | Ш        | Ш        | Ш        | ┙               |          | _         |   |
|    | L                                      | 3        | _            | 1                |          |             |          |          | L        |  |  |                 | _        |          | 81       | L        | _        |          |            |          | _        | Ц        | _        |          | _        | _        | 131        |         | <u> </u> |          |          |          | $\vdash \dashv$ | _        | _         |   |
|    | L                                      | 3        |              | 1                | $\dashv$ |             | L        | Ļ        | <u> </u> | <u> </u>   | L.   | Ш               | _        | _        | 82       | _        | <u> </u> | _        |            |          | _        |          |          |          | 4        |          | 132        | 4       | <u> </u> | _        |          | $\sqcup$ |                 | $\dashv$ | $\dashv$  | _ |
|    | _                                      | 3        |              | 4                | _        |             | _        | L        |          | _  | <u> </u>   | 1               | 4        |          | 83       | _        | ļ        |          |            | Ш        | _        |          |          |          | 4        | <u>_</u> | 133        |         | ┞        |          | Ш        | $\vdash$ | $\dashv$        |          | -         |   |
|    | ļ                                      | 34       | _            | 4                | _        | _           |          | ╙        | ╙        | _  | ┞  | $\vdash$        | 4        | -        | 84       | ⊢        | <u> </u> | _        |            | Ш        | -        | _        |          | +        | 4        | -        | 134<br>135 |         | ⊢        | -        | Н        | $\vdash$ | $\dashv$        |          | $\dashv$  | _ |
|    |  | 3        |              | +                | -        | _           | ⊢        | <u> </u> | ⊢        | -  |  | ⊢               | 4        | -        | 85<br>86 | ⊢        | ⊢        | ┝        |            | Н        | $\dashv$ |          |          | +        | -        | ⊢        | 136        | +       | ⊢        | H        | Н        | $\vdash$ | $\dashv$        |          | $\dashv$  | _ |
|    | _                                      | ۰        |              | +                | $\dashv$ | _           | ⊨        | ⊢        | -        | -  | -  | ┝╌┝             | -        | -        | 87       | H        | ┝        | ⊢        |            |          |          |          | -        | +        | -        | -        | 137        | +       | ╁┈       | -        | -        | $\vdash$ | ┌┼              | $\dashv$ | $\dashv$  |   |
|    |  | 3        | _            | +                | $\dashv$ | -           | -        | -        | ├-       |  | -  | ⊣               | -        | $\vdash$ | 88       | ┢        | ┝        | ┢        |            |          | -        | -        | -+       |          | $\dashv$ | $\vdash$ | 138        | +-      | ⊢        | $\vdash$ | Н        | $\vdash$ | 一               | $\dashv$ | $\dashv$  |   |
|    |  | 3        |              | ╁                | $\dashv$ | -           | ╁        | ⊢        | ⊢        | -  | ⊢  | ╌               | ┥        | -        | 89       | ┢╌       | ⊢        | $\vdash$ |            | -        | $\dashv$ | $\dashv$ | -        |          | ┪        | $\vdash$ | 139        | +       | ╫        |          |          | $\vdash$ | 一               | $\dashv$ | 一         | _ |
|    | _                                      | 4        | _            | ╁                | -        | _           | ⊢        | ┢        | $\vdash$ | ╁  | ╁  | $\vdash$        | ┥        | $\vdash$ | 90       | ┢┈       | ┢        | ┢┈       |            | Н        | $\dashv$ |          | _        | +        | ┪        | -        | 140        | +       | -        | Н        | Н        | $\vdash$ | $\vdash$        | $\dashv$ | 7         | _ |
|    | -                                      | 4        |              | +                | _        |             | ⊢        | ┝        | ╁        | ├  | ╀  | H               | ┥        | $\vdash$ | 91       | ├        | -        | ├        |            |          | $\dashv$ | -        |          | +        | -        | $\vdash$ | 141        | +       | ╁        | $\vdash$ | Н        | $\vdash$ | 一               | $\dashv$ | $\dashv$  |   |
|    | -                                      | -        |              | +                |          | -           | -        | -        | ╁        | ┢  | ⊢  | $\vdash +$      | -        | -        | 92       | H        | ┢        | ├        | -          | $\vdash$ |          | -        | -        | +        | -        | $\vdash$ | 142        | +       | $\vdash$ | -        | Н        |          | $\vdash$        | $\dashv$ | $\dashv$  | _ |
|    | -                                      | 4:       | <u> </u>     | +                | -        | H           | $\vdash$ | H        | ╁        | ┢╌   | ╁  | $\vdash$        | $\dashv$ | $\vdash$ | 93       |          | ┢        | ┢        | -          | Н        | -        | -        | $\dashv$ | +        | ٦,       | -        | 143        | +-      | ╁╌       | -        | -        | Н        | $\dashv$        | $\dashv$ | _         |   |
|    | $\vdash$                               | 4        |              | +                | -        | $\vdash$    | $\vdash$ | $\vdash$ | +        | ╁  | $\vdash$   | $\vdash$        | $\dashv$ | $\vdash$ | 94       |          | $\vdash$ | -        | Н          | Н        | $\dashv$ | $\dashv$ | $\dashv$ | +        | ┪        | $\vdash$ | 144        | +       | T        | ┢        | Н        |          | $\dashv$        | $\dashv$ | $\dashv$  | _ |
|    | ⊢                                      | 4        |              | ╁                | -        | ┢           | +        | $\vdash$ | +        | ┰  | +  | $\vdash \vdash$ | $\dashv$ | -        | 95       |          | $\vdash$ | $\vdash$ | Н          | Н        | $\dashv$ | -        | +        | +        | $\dashv$ |          | 145        | +-      | +-       | <u> </u> | $\vdash$ | П        |                 | $\dashv$ | $\dashv$  |   |
|    | $\vdash$                               | 4        |              | +                |          | $\vdash$    | $\vdash$ | +-       | +        | +-   | +-   | +               | $\dashv$ | $\vdash$ | 96       |          | $\vdash$ | -        | -          | Н        | $\dashv$ | $\dashv$ | -1       | +        | -        |          | 146        | +       |          | П        | Н        | $\sqcap$ | $\neg$          | $\dashv$ | $\dashv$  | _ |
|    | $\vdash$                               | 4        | <del>}</del> | +                | _        | $\vdash$    | H        | $\vdash$ | +        | ╁  | +-   | $\vdash$        | $\dashv$ | $\vdash$ | 97       | +-       | $\vdash$ | $\vdash$ | Н          | Н        | ᅱ        | $\dashv$ | $\dashv$ | 十        | ┪        |          | 147        | $\top$  | 1        | П        | Н        |          | $\dashv$        | $\dashv$ | 一         | _ |
|    | ┝                                      | 4        |              | +                | -        | $\vdash$    | H        | H        |          |  | $\vdash$   | $\vdash$        | ┪        | $\vdash$ | 98       | H        | -        | ┢        | _          | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 7        |          | 148        | $\top$  | T        | Т        |          | $\sqcap$ | $\sqcap$        | _        | $\dashv$  |   |
|    | -                                      | 4        |              | +                | -        | $\vdash$    | Η        | H        | T        | t  | t  | $\vdash$        | 1        | <b> </b> | 99       | Т        | Г        | Τ        | Н          | Н        | $\dashv$ | $\dashv$ | 寸        | +        | ┪        |          | 149        | $\top$  | Τ        |          | П        | $\Box$   | $\sqcap$        | ⇥        | $\dashv$  |   |
|    | E                                      | 5        |              | †                |          |             |          | I        | İ        | 上  |  |                 |          |          | 100      |          |          |          |            |          |          |          | コ        |          |          |          | 150        | Ī       |          |          |          |          |                 | コ        |           |   |
|    |  | _        |              |                  |          |             | ,        |          | •        | •  |  |                 |          |          |          |          |          |          |            |          |          |          |          |          | _        |          |            |         |          |          |          |          |                 |          |           |   |

If more than 150 claims or 10 actions staple additional sh et here

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